

SEC. 33, T.21N., R.4E., W.M.  
KING COUNTY

SR 161

NOTE:  
ALL EXISTING UTILITY  
LINES SHALL BE REMOVED  
UNLESS OTHERWISE NOTED.

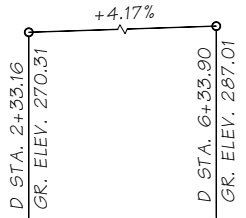
EXISTING SOLDIER PILE WALL  
(TO BE REMOVED AS NEEDED)

EXISTING SINGLE SLOPE BARRIER  
(AS NEEDED TO BE REMOVED)

EXIST. GUARDRAIL  
(TO BE REMOVED  
AS NEEDED)

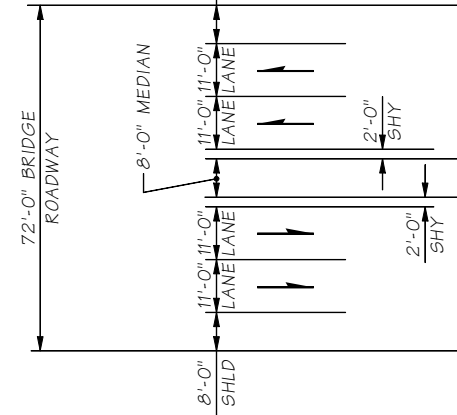
EXIST. ASPHALT CURB  
(TO BE REMOVED  
AS NEEDED)

A LINE PROFILE



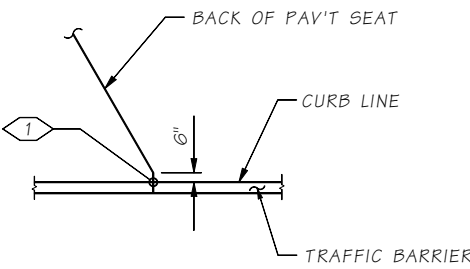
D LINE PROFILE

- E = EXPANSION BEARING
- SOIL BORING LOCATIONS
- 2 ~ 2"Ø CONDUIT PIPES IN TRAFFIC BARRIER FOR FULL LENGTH OF BARRIER
- FRONT FACE OF ABUTMENT WALL
- BEAM GUARDRAIL CONNECTION TYPE "D" (STD. PLAN C-24.10-01)
- BRIDGE RAILING TYPE BP - 12
- EXIST. SEWER MANHOLE
- EXIST. WATER VALVE BOX
- EXIST. CATCH BASIN
- EXIST. JUNCTION BOX
- EXIST. POWER POLE
- EXIST. MAN HOLE



- OHW — ORDINARY HIGH WATER
- — — — — EXIST. OVERHEAD POWER LINE
- — — — — EXIST. SEWER LINE
- — — — — EXIST. WATER LINE
- — — — — EXIST. BURIED FIBER

- 1 A STA. 83+51.42 (36.00' RT.)
- 2 A STA. 83+10.42 (36.00' LT.)
- 3 A STA. 83+76.75 (36.00' LT.)
- 4 A STA. 84+17.75 (36.00' RT.)
- 5 POINT OF MIN. VERT. CLR



EXPANSION JOINT DETAIL  
SEE BDM STD. DRAWING 9.1-A1-1  
(TYP. AT 4 LOCATIONS)

DATUM  
NAVD 88

REFERENCE LINE  
ELEVATION 270.0

NOTE: 500 YR. M.R.I.  
W.S. ELEV. 277.17  
(D STA. 3+59)  
Q = 62.9 CFS

ELEVATION

GRADE ELEVATIONS SHOWN ARE FINISH GRADES AT TOP OF  
BRIDGE DECK ON A LINE AND ARE EQUAL TO PROFILE GRADE  
SEE DESIGN MANUAL EXHIBIT 720-4 FOR EMBANKMENT DETAILS AT BRIDGE ENDS

PRECAST PRESTRESSED W/5" MIN. C-I-P DECK  
SLAB (26" VOIDED SLAB) LOADING: HL-93

SEISMIC OPERATIONAL CLASSIFICATION: NORMAL

Bridge Design Engr.	M:\PRELIMINARY PLANS\SR 161 Hylebos Creek\HYLEBOS MP 34.71 LAYOUT.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By	waldron, G 2/22					
Bridge Proj. Unit Mgr.						
Prelim. Plan By	wei, J 2/22					
Architect/Specialist	DATE	REVISION	BY	APP'D		

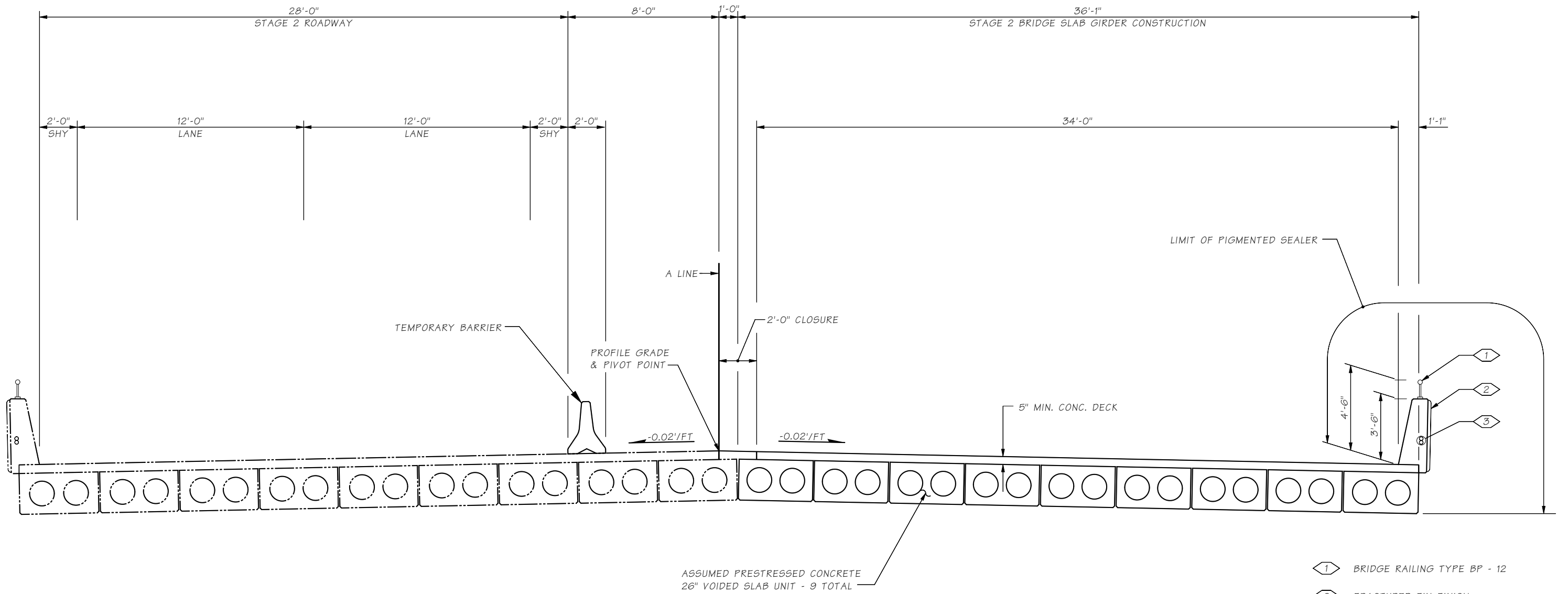
BRIDGE  
AND  
STRUCTURES  
OFFICE

CONCEPTUAL  
Washington State  
Department of Transportation  
NOT FOR CONSTRUCTION

MP 34.71  
CONCEPTUAL BRIDGE PLAN - LAYOUT

BRIDGE  
SHEET  
NO.  
1  
SHEET  
OF  
SHEETS





STAGE 2 BRIDGE CONSTRUCTION  
SHOWN NEAR MID SPAN

Bridge Design Engr.			M:\PRELIMINARY PLANS\SR 161 Hylebos Creek\HYLEBOS MP 34.71 TYP SEC B.MAN									
Supervisor							REGION NO.	STATE	FED. AID PROJ. NO.		SHEET NO.	TOTAL SHEETS
Designed By							10	WASH.				
Checked By												
Detailed By      waldron, G			2/22				JOB NUMBER					
Bridge Proj. Unit Mgr.												
Prelim. Plan By      wei, J			2/22									
Architect/Specialist			DATE	REVISION			BY	APPD				

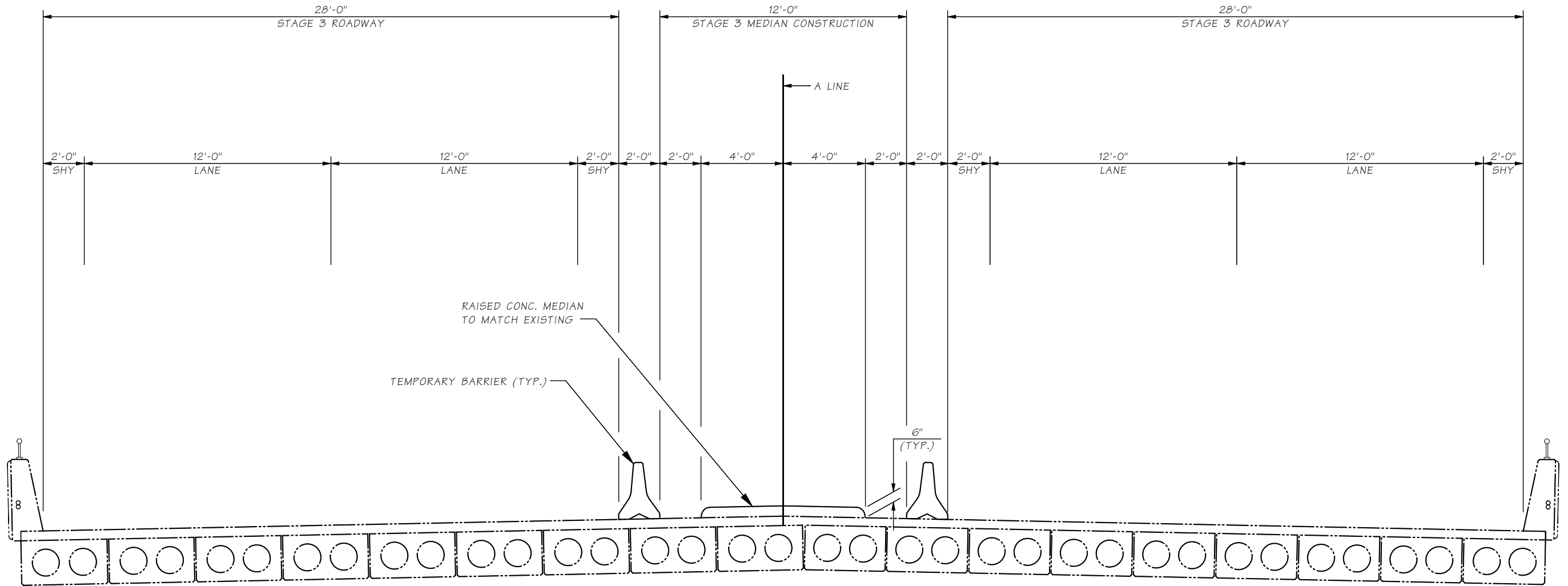
Wed Feb 16 09:13:32 2022

BRIDGE  
AND  
STRUCTURES  
OFFICE

CONCEPTUAL  
Washington State  
Department of Transportation  
NOT FOR CONSTRUCTION

CONCEPTUAL BRIDGE PLAN  
TYPICAL SECTION - STAGE 2

BRIDGE  
SHEET  
NO.  
3  
SHEET  
OF  
SHEETS



STAGE 3 MEDIAN CONSTRUCTION  
SHOWN NEAR MID SPAN

Bridge Design Engr.	M:\PRELIMINARY PLANS\SR 161 Hylebos Creek\HYLEBOS MP 34.71 TYP SEC C.MAN									
Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By					10	WASH.				
Checked By					JOB NUMBER					
Detailed By	waldron, G	2/22								
Bridge Proj. Unit Mgr.										
Prelim. Plan By	wei, J	2/22								
Architect/Specialist	DATE	REVISION	BY	APP'D						

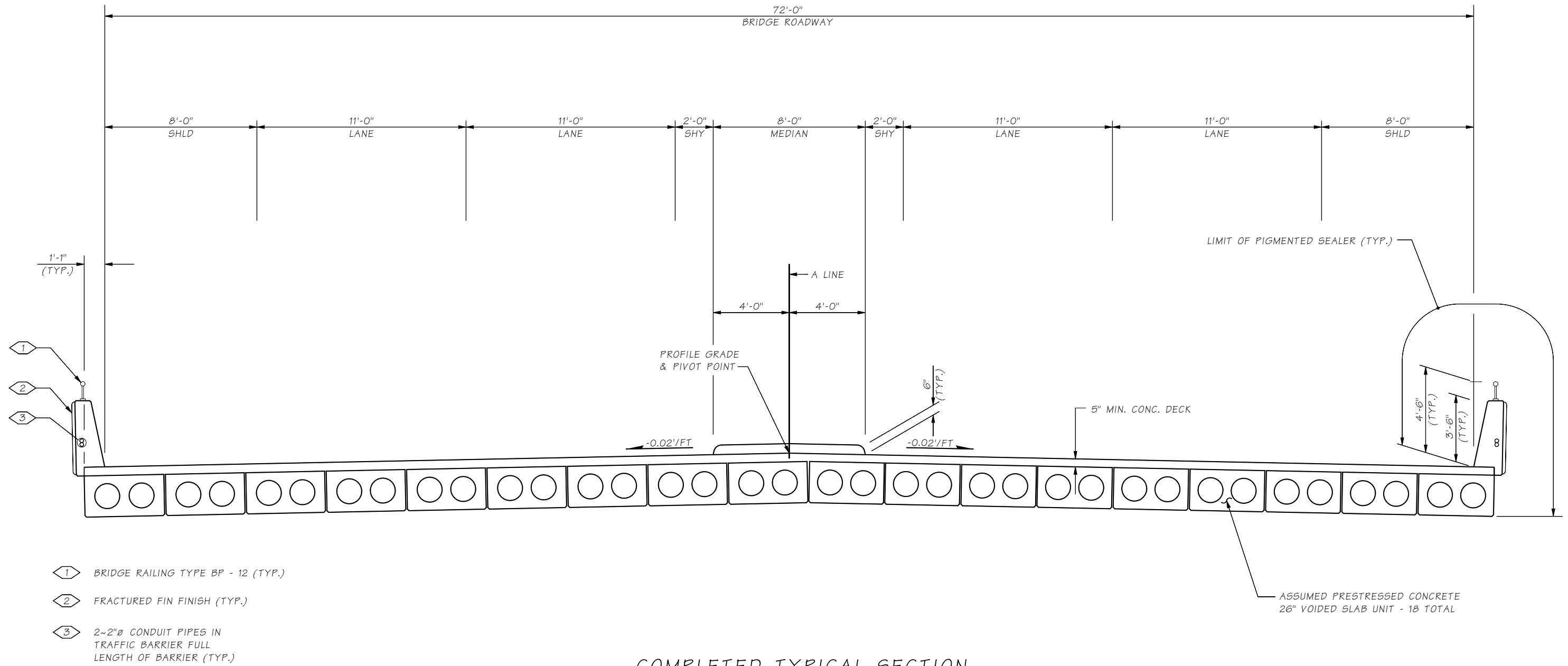
Wed Feb 16 08:13:32 2022

BRIDGE  
AND  
STRUCTURES  
OFFICE

**CONCEPTUAL**  
 **Washington State  
Department of Transportation**  
NOT FOR CONSTRUCTION

CONCEPTUAL BRIDGE PLAN  
TYPICAL SECTION - STAGE 3

BRIDGE  
SHEET  
NO.  
4  
SHEET  
OF  
SHEETS



COMPLETED TYPICAL SECTION

SHOWN NEAR MID SPAN

Bridge Design Engr.		M:\PRELIMINARY PLANS\SR 161 Hylebos Creek\HYLEBOS MP 34.71 TYP SEC D.MAN									
Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS		
Designed By					10	WASH.					
Checked By											
Detailed By	waldron, G	2/22			JOB NUMBER						
Bridge Proj. Unit Mgr.											
Prelim. Plan By	wei, J	2/22									
Architect/Specialist	DATE	REVISION		BY	APPD						

Wed Feb 16 08:13:32 2022

BRIDGE  
AND  
STRUCTURES  
OFFICE

# CONCEPTUAL



**Washington State  
Department of Transportation**

NOT FOR CONSTRUCTION

CONCEPTUAL BRIDGE PLAN  
TYPICAL SECTION - FINAL

5